

June 78

THE HAMPDEN COUNTY RADIO ASS'N. Inc.

CLUB OFFICERS FOR '77-78

President	Jeffrey J. Duquette	K1BE	P.O. Box 346, Southwick, Mass 01077
Vice-president	Bruce Felper	WA1PUX	24 Mountain View Dr., W. Htfd, Ct.
Treasurer	Steve Shore	WA1ZEV	24 Mtn View Dr. W. Hartford, Ct. 06011
Secretary	Larry Soltz	WB1CJH	69 Hazardville Rd., Longmeadow, Mass

Board of Directors

1977-79	Andre Bouchard	WB1BZW	650 Southwick St. Feeding Hills, Ma. 01030
	Chet Wisiolek	K1YQQ	20 Nevada St., Springfield, Ma 01107
	Rich Melborne	WA1YYW	142 Allen St., East Longmeadow, Ma 01028
1978-79	Bob Tippet	WA1VAH	4 Putnam Dr., Westfield, Ma 01085
	Bob Gravel	K1BUB	148 Pontoosic Rd., Westfield Ma. 01085
	Norm Forest	N1PF	36 Valley Rd., Springfield, Ma., 01119
	Art Zavarella	W1KK	1702 Main Street, Agawam, Ma. 01001

PRESIDENT'S CORNER

Ah, the end of the 1977-78 season is here! It has been a fun year and I'm looking forward to passing the torch to the new president and becoming a board member. We'll be re-capping the year at the banquet so I won't go into it here. I enjoyed myself, and got to meet some of the nicest people in amateur radio. A good club is made up of interested members. Many thanks to all of you that pitched in the little bit the makes the big load lighter!

Field Day will be a blast! (Bruce might bring a guitar and sing for us. Talk about chirps on your signal!) The Flea Market was a success and many boat anchors changed hands. The banquet will be a lot of fun, and some lucky member will bring home a new 2 meter rig.

If you can't make it to a club FD, at least get on the air and work W1NY. It won't be long before you won't be able to. Someday we might even have special W1NY QSL cards. See you at the Banquet!!!

73,

Jeff K1BE

NEXT MEETING:

FRIDAY, JUNE 2ND, 6:15 PM

ANNUAL BANQUET

WESTFIELD YMCA, 67 COURT STREET, WESTFIELD, MASS

MISCELLANEOUS NOTES

K1CEX is the new Vice-president of the MTARA. Their next meeting is June 5th, on home computers! They meet in the Valley Bank in Ludlow at 7:30 pm...The article about the HCRA has been sent into "Ham Radio Horizons". Many thanks for those who loaned pictures; WA1DNB, W1CJK, W1KK, WB1BPL...Gag gifts and door prizes are solicited for the June 2nd banquet...The Provin Mountain Club will do a ham radio demonstration at the Eastfield Mall on June 2nd and 3rd. Contact President Pat, WB1BZJ, on .10/.70... The "Bargain Green Sheets" will list your ads for only .10¢ a word. 26 issues cost \$6.00 to subscribe. The address is 436 West St., Hebron, Ct. 06248...Ken, WB1BZH, bought a new Drake TR-7. He expects delivery in June...Amateur Extra class holders can request a special license patterned after a commercial certificate. Write the Field Service Office requesting it, and enclose a photostat of your ticket. No charge for this... Kevin, WA1JUJ, is now in HZ1 land. Saudi Arabia does not have a reciprocal operating agreement so he'll be off the air for a year...If ham radio is changing too fast for you now, wait until WARC is over...Bob, WA1QHR, is getting married June 3rd. Condolances can be sent to his Westfield QTH...We will lose W1NY, our club station call, when the license expires...If you leave money to the HCRA in your will, we will respect your wishes on how to spend it. A scholarship for club members in college would be great... Mrs. Baeir loaned us a nice picture of Hank, W1NY for the HRH article... Bill, WA1WSS, donated a large box of new capacitors to the club. Many thanks.....

DAYTON HAMFEST REPORT

K1BE, WA1PUX, WA1ZEV, K1KBQ, and WA1WFR were some of the club members at the Dayton Hamfest. This year's attendance was over 22,000! The best bargains were on VHF equipment. New stuff was shown for the first time like the Drake TR-7, Yaesu FTV 901 transverter for 2, 6, and 70cm, and Tanaguchi antennas. Bruce bought a Tempo 2020 at a very good price. Steve, WA1ZEV got an HT for a bargain of all bargains price. Dick, K1KBQ, picked up a 440mhz HT for a good price. If you were a builder or wanted a Collins S-line or a home computer, this year's flea market had them in abundance. The cheapest price for RG8/U was .17¢ a foot in 500 ft. rolls. The club bought a 2 meter rig and some really nice door prizes for the banquet. Supper was with the Nostalgia Exchange group on Saturday night, and was great fun! Hope you'll want to join us next year.

W1YYK/W1SOF/K1HYL/W1GZO/WB1CAC/W1PN/W1CKP/W1KUE/W1JP/WB1ABF/W1YFQ

W1NY NET CONTROL STATIONS

1977-78

Our ten meter net meets Mondays at 8 pm local time on 28.650 Mhz. The last net will be on Monday, June 12th, until September.

W1KK	Art Zavarella, station trustee		
WB1CAD	John Balboni, Agawam	W1UKR	Eunie Gordon, Monson
W1KUE	Tom Barrett, Springfield	K1MAL	Mac McConkey, Northampton
K1BE	Jeff Duquette, Southwick	W1RWU	Frank Potts, Southwick

Inactive NCS stations will be replaced in September. If you'd be interested in taking the net once a month, contact W1KK, 1702 Main Street, Agawam, Mass 01001. Many thanks to these hams for their efforts!

W1GKY/WB1CAB/W1FAB/W1ZRI/W1MOK/W1RBU/K1CSB/W1HRV/W1URW/WB1DLE/K1EPI

K1EPI/W1KZU/K1GTE/K1CYG/W1HMN/W1UPH/WB1BLM/W1UWX/W1MM/W1RLV/W1RDC/WA1WTK/W1DGJ

FROM "HR REPORT"

Hard-to-understand questions or answers on FCC tests should be brought to the attention of Bob Kite, Federal Communications Commission, 2025 M Street, NW, Personal Radio Division, Room 5114, Washington, D.C. 20554. Make sure that you explain which questions you think need to be rewritten.

Flagrant violations of FCC rules on the ham bands should be directed to the Allegan, Michigan, enforcement center: (616) 673-2063. Illegal CB operations should be reported to the Grand Island, Nebraska, center: (308) 382-4296. Someone is always there to take a complaint.

YI1BGD continues to be available on 14210 at 0500 and 1400Z. The operators are all new Iraqi hams, so be patient with their new, slow code abilities.

K1GXU/WB1DLV/K1QMV/W1KUL/WB1EDN/W1QWJ/W1DVW/W1RED/W1LJQ/WB1FWQ/WB1BPS/W1GQP

"ZERO BEAT" CONTRIBUTORS FOR '77-78

W1KK	WA1PUX	W1KUE	WA1ZKT	
K1YQQ	WA1ZEV	WA1DNB	WA1RWU	Photos:
WA1QHR	K1IJU	WB1CJH	K8SJ	WB1DLG
K1BE	N1FJ	WB1EMB	N1PF	WB1BPL
WB1CAD	WA1VCU	W1NPL	N1CW	

WK1NY?/ WK1AW? ???

On February 23rd the FCC proposed replacing all club station callsigns with special 2X3 calls with the prefix "WK". So our club call would be WK1NY?". For code practice, you could listen to "WK1AW?". The proposal also calls for more stringent criteria in licensing club stations. A "compelling reason" would have to be shown to license a club, military, or RACES station. (see April '78 QST)

On March 11, 1977, the FCC proposed abolishing all club, secondary, repeater, RACES, military, and special event licenses, leaving only primary station licenses. The ARRL fought this with the assistance of the affiliated clubs, and thought the Commission had decided to drop the idea. Then the FCC came out with the Notice of Proposed Rulemaking, 21135, which was outlined in the first paragraph above. You can comment on this docket until June 2nd, 1978. Five copies are requested, but even one will be read. (Send a copy to the ARRL and John Sullivan, the N.E. Division Director.)

Chod Harris has this to say:

"Will filing a new set of comments really do any good? Good question. The bulk of the comments the first time around argued the desirability of retaining existing callsigns, but these arguments seem to have gone unnoticed in Washington. Clubs and individuals could certainly be excused for feeling that their elected representatives should hear about this illogical and damaging "WK" proposal. They are forcing wholesale changes in the callsigns just for short term administrative convenience."

Your comments might also touch on the tradition which is attached to many of the older calls, especially of memorial and university stations; the recognition factor which has been built up over the years which will be lost; and the arbitrariness of refusing to renew present licenses, even when the renewal process is strictly routine.

Other questions to ask: why is the Commission not exploring less damaging ways of reducing its workload, such as implementation of a Novice Certification Program and employment of up-to-date data processing techniques? Why has the Commission chosen this time to implement a new call sign system designed to encourage people to change their calls as they upgrade, at the same time it is "pleading poverty" with respect to continuing the existing programs? Why has the fact that CB applications are being submitted at a rate as low as one-fourth that of a year ago, been ignored?

The League's By-Laws state that the reason for affiliated clubs is to form "a homogeneous organization for unity of action in matters affecting amateur welfare." You, the affiliated clubs, came through in overwhelming fashion last year, which is a major reason why club licenses were not summarily abolished. We are confident that you'll come through again, and that you will supplement the strong opposition to the elimination of existing club, military, and RACES licenses which will be filed by the League.

 W1UWX/W1VHU/W1UCB/W1JUU/WB1AEW/W1ALL/WB1DLU/W1ECR/W1LRA/K1HTS/K1FUA/K1PKZ

CLUB MEMBERS WHO HAVE UPGRADED

Amateur Extra:

K1BE (W1SNJ)
 W1WXS
 N1FJ
 N1BA (W1KFE)
 N1YY (W1YRA)

Advanced:

WB1CAD
 WB1ETS
 W1YFQ

General:

W1ZKT W1APD
 WB1DLH W1EHS
 WB1EMN W1ZEV
 WB1CJH

Technician:

WB1DLG
 WB1BZG

WB1FJK
 WB1FIP

WB1FIJ
 WB1CWF

WB1AEW

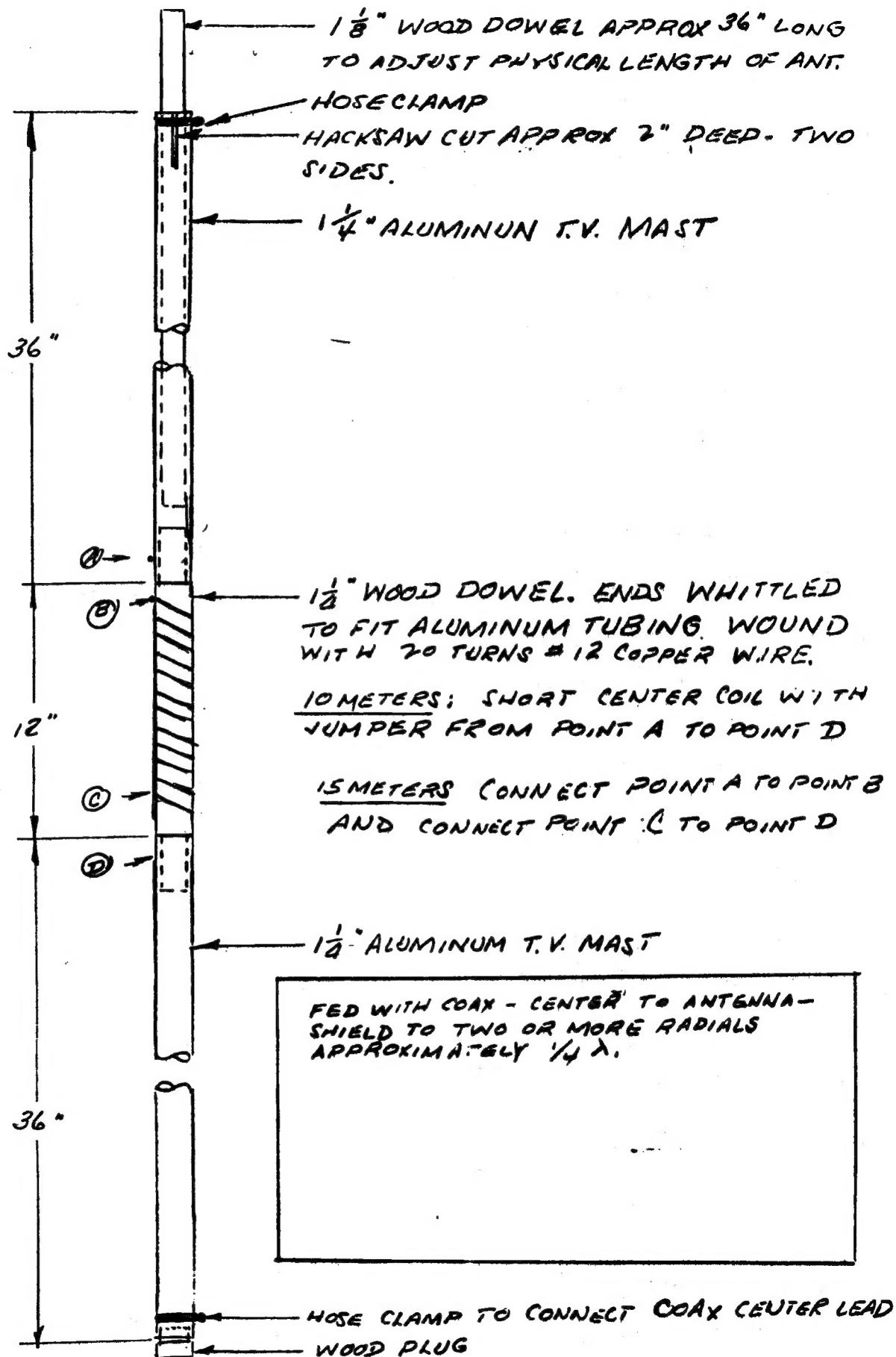
HOME-BREW ANTENNA By W1ZKT

On the next page is a home-brew antenna that has given me alot of DX contacts; France, Germany, England, Netherlands, etc, and it is used indoors! The cost is less than ten dollars. The antenna can be quickly disassembled and loaded into even a small car. (or left in a hotel room as I have done.)

I'd like the members of the club to try this out and let me know how it works for you.

73, W1ZKT

WANTED: 40 or 50 foot tower. Crank-up preferred! contact Jeff, K1BE 569-6739.



THE ANCESTRY OF THE HAMPDEN COUNTY RADIO CLUB

By: Tom Barrett W1KUE

Author's Note: The following is not meant to be a history in the documented sense. I have no documentation, memory is my only reference. On that basis, here is some background to lay a foundation upon which a history may rise.

The club's antecedents lie in the 1930s. Before World War II this area was the locale of three radio clubs. In alphabetical order they were: The Connecticut Valley Radio Club (CVRC), The Springfield Radio Association (SRA), and The Western Massachusetts Radio Club (WMRC). Each organization revolved about a pivotal character, and the rivalry, clash of personalities, and at times, temper flare-ups were a sight to behold. The three colorful characters involved were: Archie MacLean, W1JQ, of the CVRC; Ike Creaser, W1UD of the SRA; and Lou Richmond, W1AVK, of the WMRC.

These clubs had their periods of wax and wane; first one then another would grow, dominate the scene, and be replaced, only to rise again as circumstances allowed. As I have indicated, personalities played a part in this process, and hams switched from club to club as the spirit moved them. In those days the ham population of this area was about a hundred and fifty and perhaps sixty or seventy of them belonged to one or another of the local clubs. In addition to the advantages and disadvantages of having a "strong man" in each club they shared another common disadvantage. Their meetings were bogged down with the nitty-gritty of club business, and it sometimes seemed that the less important the subject the longer and more acrimonious the discussion. The result was more hot air than program at club meetings. Decisions were based more on who supported what viewpoint than on the facts of the matter under consideration. Each club maintained permanent quarters. The CVRC rented space downtown, the SRA met in a building at W1UD's QTH off upper State Street, and the WMRC had the use of facilities at Springfield Airport on Liberty Street. All three had station equipment, sometimes operable - sometimes not. Given the above situation, and method of handling club business, it should come as no surprise that the clubs were unable to support, on a continuing basis, more than a core group of a few members, and were beset by financial problems.

At this point I believe it necessary to insert a personal note or two to assist in maintaining perspective. I knew W1JQ, W1UD, and W1AVK personally, and valued them all as personal friends. I was closest, however, to W1JQ. I joined the CVRC in 1932, and in time became its Treasurer. I attended meetings of the other clubs when time permitted, and base my observations concerning their operations on that, and on discussion with friends who were members of SRA and WMRC. If my recounting of "the old days" is subjective, so be it.

The circumstances set forth above remained substantially constant from the early 1930s until December 7, 1941. Pearl Harbor shut down ham radio for the duration, and most hams went either into the military or war work. Between 1942 and 1946 the War Emergency Radio Service (WERS) on 112 Megacycles provided some quasi-ham operation for those available, but this period had little effect on our story. All three clubs died and were never to arise again.

By mid 1946 most of those hams who were coming home had arrived. The pre-war group was augmented by a large number of service trained operators with an interest in ham radio. The VHF bands were realigned; five meters became six meters, two

and a half meters became two meters; the higher frequency bands also were revamped. Two meters was the lowest frequency band on which simple equipment (read that as "modulated oscillators") was allowed, and where super-regenerative receivers gave acceptable performance. Everybody and his brother appeared on the low end of two meters, and it was here that one of the factors leading to the forming of the Hampden County Radio Club developed. As hams will, a rag chew net was established, and fellowship became rampant. Visits to each other's shacks, gatherings at various oases, and eyeball QSOs at radio stores, etc., brought old timers and newcomers into contact. A good time was had by all (or almost all).

A second factor was a small group of former CVRC members who got together from time to time to shoot the breeze and quaff a brew or two. It consisted of W1JQ, W1FOF, W1KUE, and occasionally a few others. They could sense a need for a ham club; therefore, in the spring of 1947 a representative group of hams was invited to meet at W1KUE's QTH to discuss possibilities. Among those present, in addition to JQ, FOF, and KUE, were W1s, OBQ, OJV, IOL, NY, JWV, NLE, IC, MNG, Kfv, and others whose calls I have forgotten. Agreement was quickly reached that a ham club was needed; however, a few problems were evident. The "three strong men of old" were still active and a factor with which to reckon. It quickly became evident that the current crop of hams would not support a club that spent the majority of its time and efforts haggling over routine club business, and the bugaboo of where to find seed money reared its ugly head.

W1JQ made the first move. He proposed that he, W1UD and W1AVK step aside as possible leaders of any ham club evolving from this meeting. It was the consensus that a type of organization in which a Board of Directors would be responsible for routine club business was the answer to the lack of meeting program time. As for seed money, this would be forthcoming if the "strong man" problem could be solved. In anticipation of such a solution W1NLE and W1KUE were designated to draw up a Constitution and By-Laws for consideration, another group agreed to present W1JQ's proposal to W1UD and W1AVK, and a third would determine a course of action leading to an organizational meeting of all interested hams.

To the surprise of all, or almost all, the "strong man" problem proved the easiest to resolve. W1UD and W1AVK joined W1JQ in the "include me out" declaration. Gil Williams, W1APA, well known in local ham circles but without previous local ham club affiliation, was persuaded to accept the post of Chairman Pro Tempore of an organizational meeting, and spokesman for the sponsoring group. W1KUE was named Secretary Pro Tempore. Those who could afford to do so put up various sums to defray initial expenses, and the work started. By this time the ham population of the area was three hundred to four hundred, and contacting all of them could best be accomplished by mail. Post cards were purchased and mimeographed, a brand new Call Book was sacrificed to the cause and the W1 section ripped from its moorings to be divided among the volunteer post card addressers. Any ham listed in the book as living in an area bounded on the north by Northampton, on the East by Palmer, on the south by Enfield, Connecticut, and on the west by Westfield was sent a meeting notice. The Western Massachusetts Electric Company auditorium on lower State Street was reserved for the meeting. At this point, the early fall of 1947 if memory serves, all one could do was wait and hope.

The fateful evening arrived. More than a hundred hams converged on the WMECO auditorium, and once the "long time no see" eyeball QSOs were quieted down the proposal to form the Hampden County Radio Club was put forth by W1APA. Those of us who remembered pre-war club meetings felt right at home. At times several hams

were addressing the body simultaneously, and one small group left the auditorium in protest over some real or imagined affront. (As I recall most of them straggled back to the hall in time for the final vote.) In the end what happened there is history. The proposed Constitution and By-Laws were adopted, albeit somewhat altered. W1APA was named President by acclamation and W1KUE became Secretary by default. The positions of Vice President, Treasurer, and Directors were filled, but memory does not furnish their names or calls. The fact that the Hampden County Radio Club survives and is active some thirty years after its launching is a tribute to those who recognized the shortcomings of its predecessors, and managed to avoid or minimize those shortcomings in the establishment of the Hampden County Radio Club.

73, Tom W1KUE

FIELD DAY JUNE 24-25

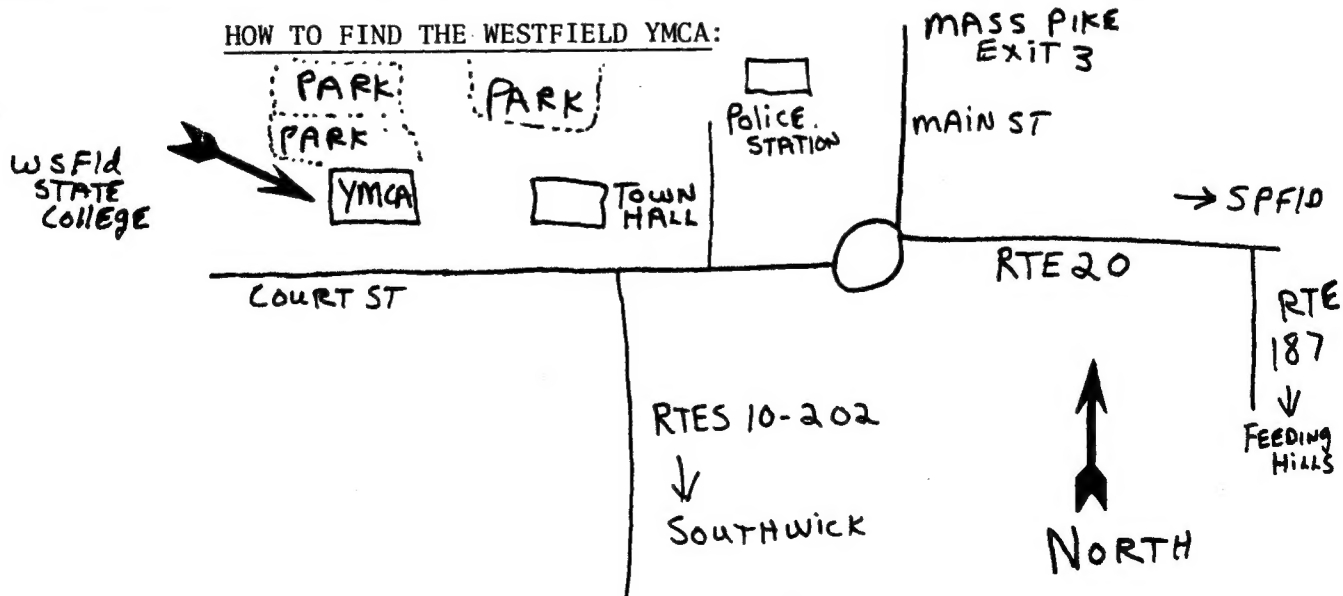
Our Field Day will be in the beautiful Berkshire foothills of Otis, Mass on route 8. So far we have 12 cases of beer lined up, but no operators, antennas or rigs! Every club member is welcome to attend our FD or Mt. Tom's. If you let us know ahead of time that you intend to have supper and breakfast with us, we'll feed you a steak dinner and bacon and eggs breakfast. (We'll have some hot dogs for the people that didn't sign up ahead of time.) We need volunteer chair-people to head up the various committees. Some areas we need help are:



80 mtrs voice	40 mtrs voice	Food K1BE
80 mtrs CW	40 mtrs CW	Logs
20-15-10 voice	6 and 2 mtrs -W1KK	Portable power W1KK, WB1CAD
20-15-10 CW	other bands???	Finances WA1ZEV

We need your help with just about everything. If you're a novice or new club member, you are more than welcome to attend. Contact Jeff at 569-6739 to sign up or volunteer.

 W1IUB/WA1VOA/K1EFH/W1WLE/W1TM/W1MDM/K1VWX/WA1LIS/K1JDL/W1SB/WB1ABV/WA1STO/WB1GGK/N1PF



THE HAMPDEN COUNTY RADIO ASS'N. Inc.

SPRINGFIELD, MASSACHUSETTS



ANNUAL BANQUET!!!

FRIDAY, JUNE 2ND

6:15 TO 10 PM

WESTFIELD YMCA
67 COURT STREET
WESTFIELD, MASS.



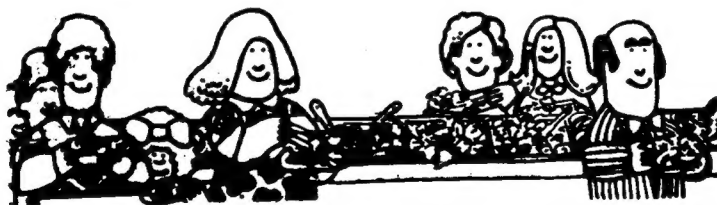
Complete Roast Beef Dinner includes potatoes, vegetable, bread, salad, dessert, coffee and soda.

MAIN DOOR PRIZE: KENWOOD TR-7200A, 2 meter transceiver!!!

(Only paid tickets may win main prize.)

Other Door Prizes include: digital volt meter kit, SWR meter, electronic textbooks, XYL goodies, auto alarms, speakers, ten pound boxes of electronic parts, transceiver carrying case, and more!

Door prizes and Gag gifts are solicited from the members.



COST: \$6.00 for NON-MEMBERS

\$5.00 for MEMBERS

Tickets are available from: Jeffrey J. Duquette, K1BE
P.O. Box 346; Southwick, Mass 01077

(SASE please. Checks should be payable to HCRA)

SEE NEXT PAGE FOR OTHER CLUB OFFICERS NEAR YOUR HOME...

NUMBER OF TICKETS IS LIMITED. NONE WILL BE SOLD AT THE DOOR!

No. _____

Banquet tickets are also available from these club officers:

WBlBZW, Andy, 786-2301

KlBUB, Bob, 568-3120

WlKK, Art

WAlYYW, Rich, 525-7652

WBlCJH, Larry, 567-3444

KlYQQ, Chet, 734-9119

NlPF, Norm, 782-2026

WAlZEV, Steve-- 203-232-1128

WAlPUX, Bruce

Complete addresses are on the front page.

WAlCYK/WAlSMH/WlARA/WlACJ/WBlDTZ/WlMQK/KlWXU/WlRRW/KlNJC/WlIVK/WAlPGT/WlTM

MISCELLANEOUS NOTES

The Flea Market award for "bringing and returning home with the most boat anchors" will not be given out this year. Too many candidates to pick from...Jim, WBlAEW, passed his technician...Bob, WlMM, must be nearing the bottom of his "Junque" pile, he didn't take up ten tables at the flea market! ...Doug, WBlDLT, passed his technician...Our list of former presidents in ZB was all wrong. Many thanks to those who wrote. We can't get a correct list, so we won't buy a plaque...Joe, KlZOC, emphatically states that he's not using a spark gap transmitter! "Amplitude Modulation is the wave of the future!" says Joe...

WAlUIV/WAlOWS/WlNLE/WBlDDU/WlTXS/WlISN/WlAPL/WlNOG/WlTTL/WBlCXC/WAlPVB

HAMFEST CALENDAR

June 4 Mass. Eastern Ct. ARC Fleamarket and Auction, Point Breeze Restaurant, Rte. 193, Webster, Ma. For info, KlSYI, 617-943-4420

June 10 Conn. Candlewood ARA Auction, St. Mary's Church, Ridgefield, Ct.

Info: WBlGOT

July 8/9 NOBARC Hamfest Flea Market Cummington Fair Grounds, info:

WAlZNE 413-442-0969

We welcome the following new members:

WBlABF, Heather

WBlBZH, Ken

WBlHJQ, Larry

WlMTV, Frank

NlCQ, Bill

WlAKB, Cliff

WAlYOU, Dick

WAlKJD, Al

Associate members:

Ron Hahn

Roy Burke

Irv Serlin

Leo Pauze, Sr.

Harvey Mensch

Roy Drake

Bob Roy

Dick Gorski

Abel Gomes

Walt Waskelevicz

Hubert Sharon

Linda Alwitt

Dave Gomes

Fred Stefanik

Bob Wise

We now have 187 paid members.

BRIEF VISIT WITH THE OM - HIRAM PERCY MAXIM

There is so much that HPM/WIAW did for us hams, appropriately entitling him "Father of Amateur Radio", I can recount only a few highlights and personal impressions. It is, of course, well known and documented that he started the ARRL and QST with his young protégé college student Tuska around 1915. It may not be so well known that, in my estimation, he and Tuska broke away from the Hartford Radio Club so that the two of them, along with Dave Moore, the 21 year old then president of the Club, could proceed on a national scale with an organization that included public service as a basic cornerstone in its structure. It is told that the service and relay concepts probably originated in an incident involving our own Hampden County: an intermediate Windsor Locks Station relayed a message with his spark wireless from Maxim in Hartford to a Springfield ham who reportedly had a hard-to-come-by Audion for sale. This relay service did the trick. Maxim got the tube! The word relay, indicating use of privately owned hobby equipment for the benefit of others, was adopted in the official non-profit corporate name and has been, through the years, one of hamdom's principal survival assets, even to its present-day version of automatic relay, the 2 meter repeater.

One of the things I admired most in HPM's organizational genius was the high standards which he set for himself and fellow hams as embodied in the six requirements of The Amateur's Code: Courteous, Loyal, Progressive, Friendly, Balanced, Patriotic.

He sure was courteous and friendly to me, when as a schoolboy some 55 years ago I rang the door bell to the side entrance of his home in Hartford for an unannounced visit to WIAW. As I look back at it now, I must have had a lot of nerve to go on my bike from an immigrant's family home in the meadows of East Hartford to the home of a famous automotive pioneer off fashionable Farmington Ave. in Hartford. At that time he was indeed one of the Insurance City's leading citizens, married to the daughter of Maryland governor, but you'd never know it the way he invited me in to see "Old Betsy" his rotary spark rig which I used to hear on my crystal set and earphone in the cellar of our house way over in East Hartford across the city and across the river, maybe 10 miles distant. Although the details are hazy now, it must have been an inspiring visit that urged me to stay on in school and pursue science, unlike most of my neighborhood chums.

When it comes to being Balanced, it's hard to think of anyone more balanced than HPM toward his hobby, never letting it interfere with duties to his family, business, or community. The family movies which he also pioneered and relished show him enjoying life with the youngsters in his unique and appealing personality; kindness, sincerity and love of life abounding. He had many patents from his horseless carriage engineering career with Pope Hartford and invented noise silencers that would nowadays enshrine him as an environmentalist fighting noise pollution. As regards community and patriotism, it brings to mind my own attendance at the dedication of the municipal airport, Brainerd Field, in Hartford. The reason I went, because I read in the papers that HPM would officiate since he was Chairman of the Hartford Aviation Commission. His patriotism shone brilliantly at the outbreak of WW-I. Not only did his silencer company convert wholly to munitions production, but as ARRL president he saw to it that

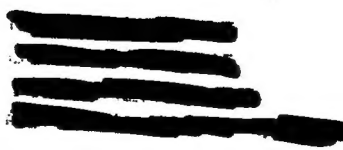
the Navy got its first quota of 500 trained operators at once. Then 2,000 more operators were needed, and largely through HPM's efforts and organization, were immediately enlisted.

Such is the stuff of which our hobby's heritage originated. Quoting from the 50th anniversary message in 1964 of then League President W6ZH: "We must be everlastingly grateful to those old timers for handing down to us these traditions of public service, technical progress, and operating skill. Without them, ham radio would have perished long ago".

Art., W1KK
May 14, 1978

A note as we go to press on May 16th: Banquet tickets are selling out fast. Please don't disappoint yourself! None will be sold at the door.

P.O. Box 346
Southwick, Mass 01077



ZERO BEAT
JUNE ISSUE #6

FIRST CLASS MAIL